

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1) (Currently Amended) A method of regenerating a glycol solution containing water, hydrocarbons and dissolved salts, comprising the following stages :

- a) expanding said solution so as to release hydrocarbons and to obtain a hydrocarbon-poor solution,
- b) distilling in a distillation column the hydrocarbon-poor solution obtained in stage a) to obtain a glycol-enriched solution and a ~~vapour~~ vapor comprising water and hydrocarbons,
- c) placing under vacuum a first part of the glycol-enriched solution obtained in stage b) under a pressure below 90,000 Pa abs. to obtain vaporized water and a glycol solution comprising precipitated salts, and
- d) separating the precipitated salts from the glycol solution obtained in stage c) to obtain precipitated salts and a salt-depleted glycol solution.

2) (Original) A method as claimed in claim 1, comprising the following stages:

- e) placing under vacuum the salt-depleted glycol solution obtained in stage d) under a pressure below 50,000 Pa abs. to obtain vaporized water and a glycol solution comprising precipitated salts,
- f) separating the precipitated salts from the glycol solution obtained in stage e) to obtain precipitated salts and a second salt-depleted glycol solution.

3) (Original) A method as claimed in claim 1 wherein, in stage d), the precipitated salts are separated from the glycol solution by means of at least one of the following techniques: filtration, centrifugation, ultrasonic separation.

4) (Original) A method as claimed in claim 1 wherein, before stage c), the glycol-enriched solution obtained in stage b) is cooled to a temperature ranging between 30°C and 150°C.

5) (Original) A method as claimed in claim 1 wherein, before stage c), the glycol-enriched solution obtained in stage b) is heated to a temperature ranging between 30°C and 150°C.

6) (Original) A method as claimed in claim 1 wherein, in stage a), said solution is expanded to a pressure ranging between 0.1 MPa and 2 MPa abs. and wherein, in stage b), distillation is performed at atmospheric pressure.

7) (Currently Amended) A method as claimed in claim 2, wherein the second salt-depleted glycol solution obtained in stage e)-f) heats the hydrocarbon-poor solution obtained in stage a).

8) (Currently Amended) A method as claimed in claim 1, wherein the following stages are carried out:

g) cooling the ~~vapour~~ vapor containing water and hydrocarbons obtained in stage b) to obtain steam, a liquid hydrocarbon phase and an aqueous phase, and

h) sending part of the aqueous phase ~~obtained in stage g)~~ to the top of the distillation column.

9) (Currently Amended) A method as claimed in claim 1, wherein the following stage is carried out:

i)-feeding the vaporized water obtained in stage c) into said distillation column.

10) (Currently Amended) A method as claimed in claim 1, wherein the following stage is carried out:

j)-combining a second part of the glycol-enriched solution obtained in stage b) with the salt-depleted glycol solution obtained in stage d).

11) (Currently Amended) A method as claimed in claim 1, wherein the following stage is carried out:

k)-feeding water into the salt-depleted glycol solution obtained in stage d).

12) (Currently Amended) A method as claimed in claim 1, wherein the glycol consists of a compound selected from the group ~~comprising~~ consisting of monoethylene glycol, diethylene glycol and triethylene glycol.

13) (Currently Amended) A method as claimed in claim 1, wherein the salts comprise at least one of the following compounds: compound selected from the group consisting of sodium chloride, potassium chloride, calcium chloride and sodium bicarbonate, sodium sulfate, potassium sulfate, and calcium sulfate.